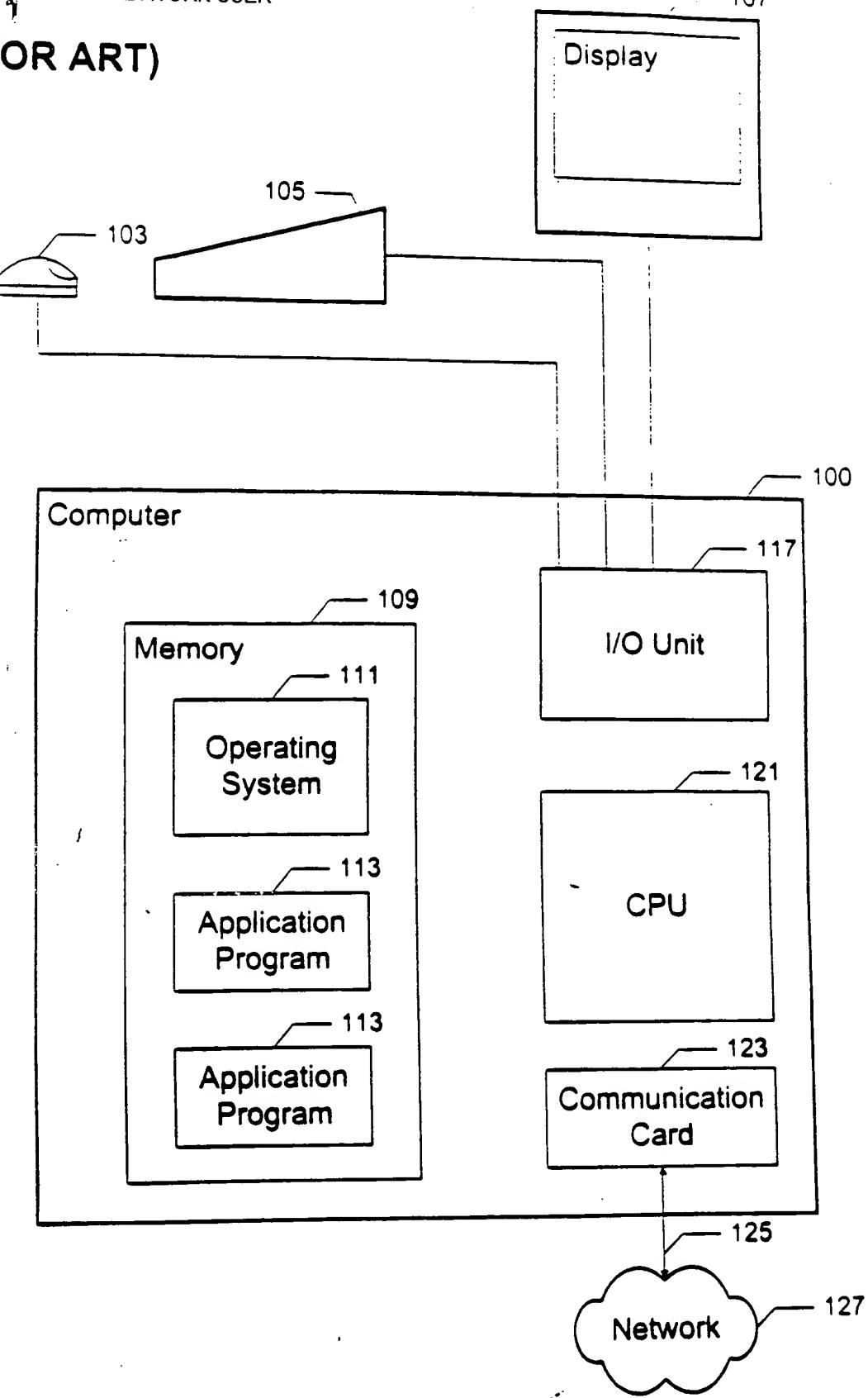


Fig. 1  
(PRIOR ART)

— 107



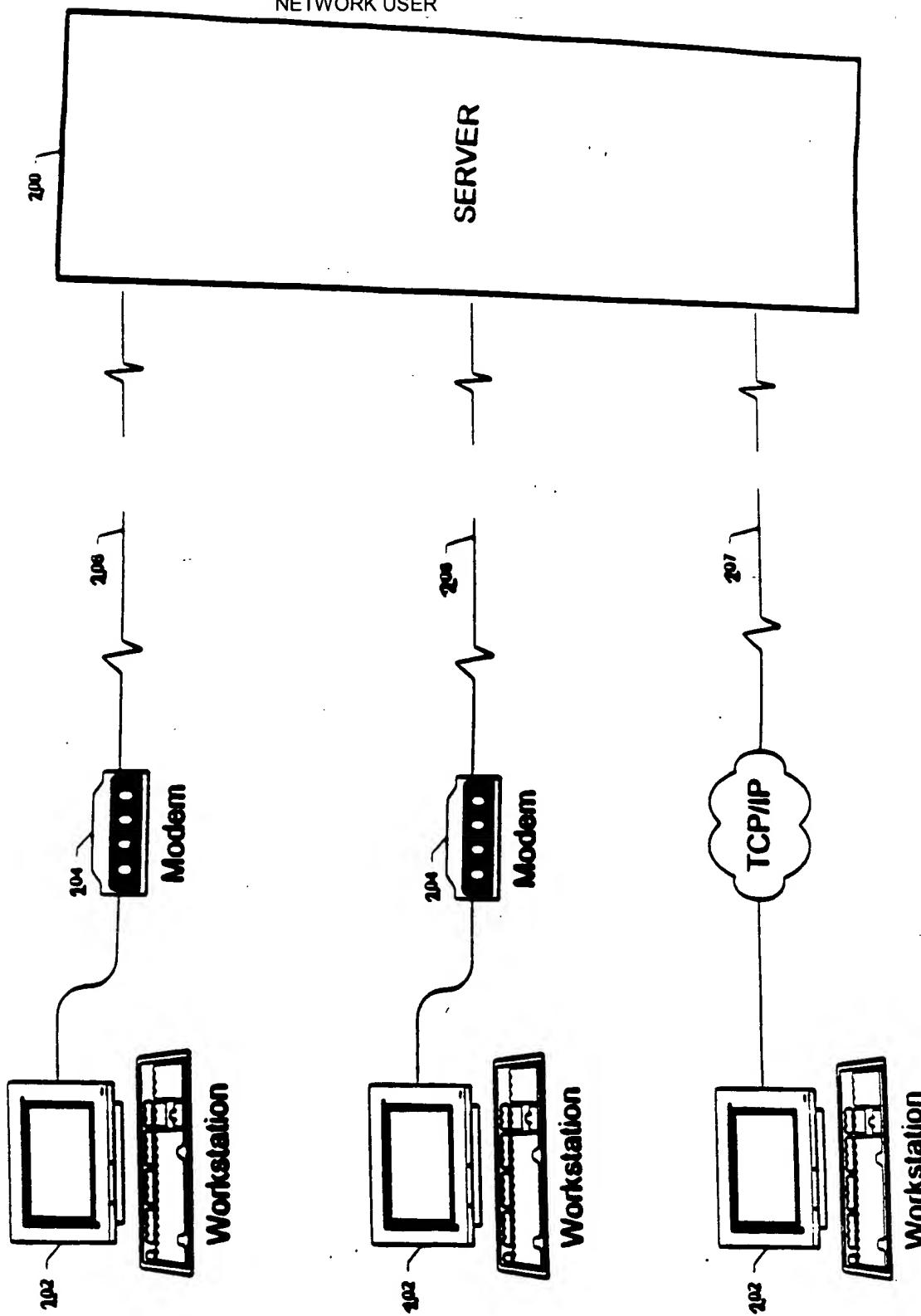
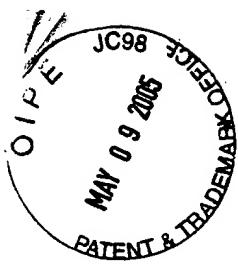


Fig. 2

BEST AVAILABLE COPY

300 ↘

**Welcome to AOL.COM Netscape**

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Stop

Bookmarks Netsite: <http://www.page5.com>

**AOL.CO**  
America Online's In

Operation Dees <http://www.page1.com>

Fox, Day 2:  
Complete Coverage

in My News

Weather... Stay for the bowl games Plan travel online.

Wine and Dine? Grab and Go: Buy great food gifts for giving or eating

• Web Search • Top News • Stocks • Weather • Holiday Shopping • Horoscopes • AOL NetMail

YOU WANT amazon.com

100 Hours FREE! ALL NEW AOL4.O

**MUSIC BOULEVARD**

\$2.99 While Supplies Last CLICK HERE!

**AOL NetFind** • **Web Centers** • **My News** • **Shopping** • **Free Products Try AOL Now!**

Do your homework with help from Research&Learn

Get free custom news and weather in My News

Holidays '98 Find the Perfect Gift and How to shop on AOL.COM

Pamper your pets Shop and save on the Web!

• AOL NetMail

Kids surf safely in AOL NetFind Kids

• Autos • Personal Finance

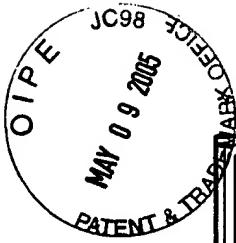
• Business • Snacks

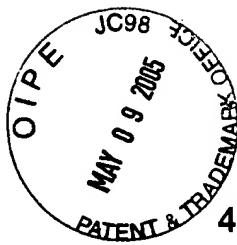
Front Page

Document Done

302 ↗ 304 ↗ 306 ↗ 306 ↗ 306 ↗

FIG. 3





400

405

415

420



### Enter your information.

For your protection, this form is protected by Secure Sockets Layer Encryption (SSL). Make sure all fields marked with an \* are completed.

#### 1 Enter your billing information

Enter your name as it appears on your credit card.

Your address is subject to Address Verification to ensure accurate processing.

First Name\*:  Initial:

Last Name\*:

Company:

Street 1\*:

Street 2:

City\*:

State\*:  Zip Code\*:

Phone\*:

Email\*:

Shortcut Name for this address:  Enter an easily remembered name for this address, like "Home" or "Mom".

[▼ Go to the next step](#)

#### 2 Enter your card information

If you want to use this card as your first choice while shopping, check "Set as default credit card".  
Enter your card number WITHOUT any spaces or dashes.

Card\*:  Visa

Card Number\*:

Expiration\*:  08   1999   VISA Use Visa.  
The preferred card On Impulse!

Shortcut Name for this card:  Enter an easily remembered name for this card,  
like "Home Visa" or "Corporate".

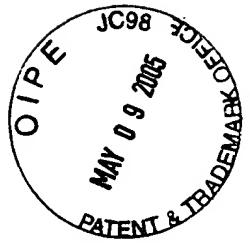
[▼ Go to the next step](#)

#### 3 Enter your ship-to information

Tell us who you are shipping this purchase to.

Please note that orders are available for delivery in the United States only.

**FIG. 4A**



400

410

Please note that orders are available for delivery in the United States only.

Check here if this is the same as billing information and click here to continue.

First Name\*:  Initial:

Last Name\*:

Company:

Street 1\*:

Street 2:

City\*:

State\*:  Zip Code\*:

Phone:

Email:

Set as default ship-to address

Shortcut Name for this address:  Enter an easily remembered name for this address,  
like "Home" or "Mom".

▼ Go to the next step

**1 You're almost done! If you like, save your information to use next time.**

We can securely save your information so you can use it whenever you see this symbol: \$  
You'll never have to fill out this form again.

Click a choice ► /

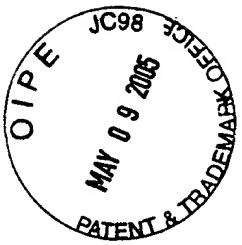
\$ Save my information.

Continue my purchase without saving my information.

You will still be able to cancel your transaction.

Copyright 1999 Inktomi Corporation.

**FIG. 4B**



amazon.com

### Completing Your Order is Easy

We encourage you to enter your credit card number online (why this is safe). However, you also have the option of phoning us with the number after completing the order form. If you have any problems or questions, see the bottom of the page for details on our toll-free (800) customer support number.



#### 1. Welcome.

Please enter your e-mail address:

Please check your e-mail address for accuracy; one small typo and we won't be able to communicate with you about your order.

I am a first-time customer. (You will be asked to create a password later on.)

I am a returning customer, and my password is   
Have you forgotten your password?

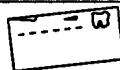
#### 2. Select a payment method.

You will enter complete payment information later in the order form. For now, you just need to choose your payment method

credit card (Visa, MasterCard, Discover, American Express, or JCB only)  
(why this is safe)

gift certificate (or gift certificate and credit card, or balance on account)  
(how this works)

check or money order  
(why this takes longer)

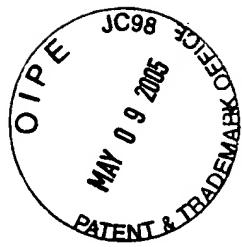


#### 3. Is this order a gift?

For gift orders, we will not print prices on the packing slip and you can include a personalized gift message in your order. These services are free of charge.

Please type your gift message, which will be printed on the packing slip (maximum 500 characters):

FIG. 5A



amazon.com

### Completing Your Order

**5. Check your order.**

Please verify that the items and quantities shown below are correct. Put a 0 (zero) in the Quantity field to remove a particular item from your order.

Quantity and Item Information:

<b>Usually ships in 24 hours</b>	
<input type="checkbox"/> 1	<i>Evolutionary Game Theory</i> ; By Jorgen W. Weibull: Our Price: \$17.50

**6. Credit card information:**

Since we already have a credit card on file for you, you can just click on the button next to it to use it for this order.

Cardholder Name <input checked="" type="radio"/>	Card Type	Last 5 Digits	Expires
			06 <input type="button" value="▼"/> 2002 <input type="button" value="▼"/>

**Or enter a new credit card for billing:**

If you're using a new card, please enter the full credit card number below. (Why this is safe.) If you prefer to phone in your credit card, enter only the last five digits. After you have submitted your order, we'll give you the phone number to call.

Credit card number:

Type of credit card:  Visa  Master card  Discover  American Express  JCB

Credit card expiration date (only month and year required): Month  Year

Cardholder's name as it appears on the credit card:

Zip or postal code of the billing address for this card:

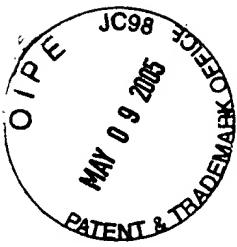
**7. What is your name?**

Your name, if it is different from the name on the credit card:

**8. What shipping option would you like? (Click here for more about shipping options, prices and international customs.)**

Shipping Method:

FIG. 5B



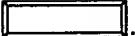
Please note: Total delivery time equals item availability plus shipping time.

- Standard Shipping (3-7 business days)
- Second Day Air (2 business days)
- Next Day Air (1 business day)

Please note: we cannot ship Second Day or Next Day Air to P.O. Boxes, APO/FPO addresses, and addresses served by the USPS as domestic destinations, including Guam and the U.S. Virgin Islands.

**Number of Shipments:**

- Make one shipment when complete order is ready (minimizes shipping cost)
- Ship as ordered items become available (at extra shipping cost)

Press this button to .

The next page shows you a summary of your order including its total cost. You may then submit your completed order or back up and make changes.

Copyright and disclaimer © 1996-1999, Amazon.com, Inc.

**FIG. 5C**

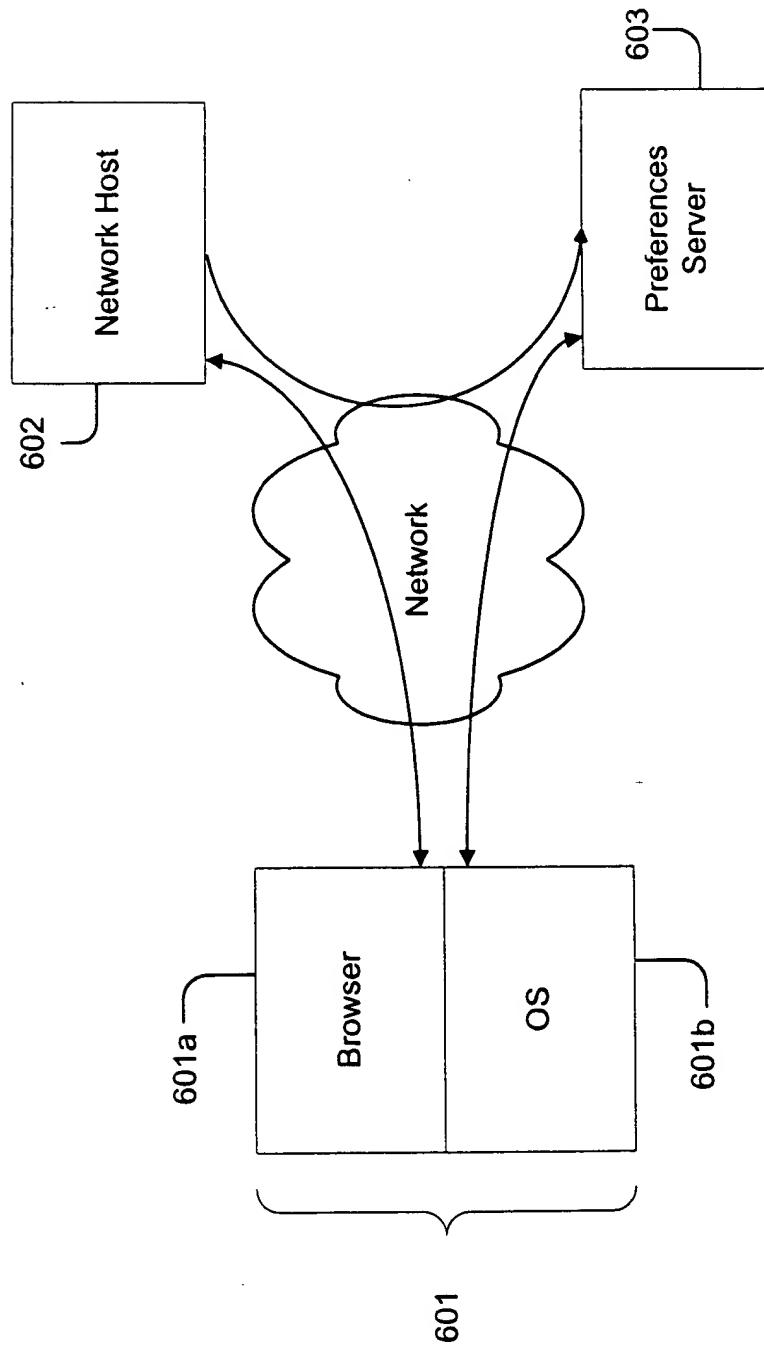
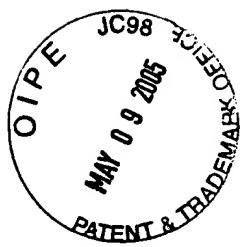


Fig. 6

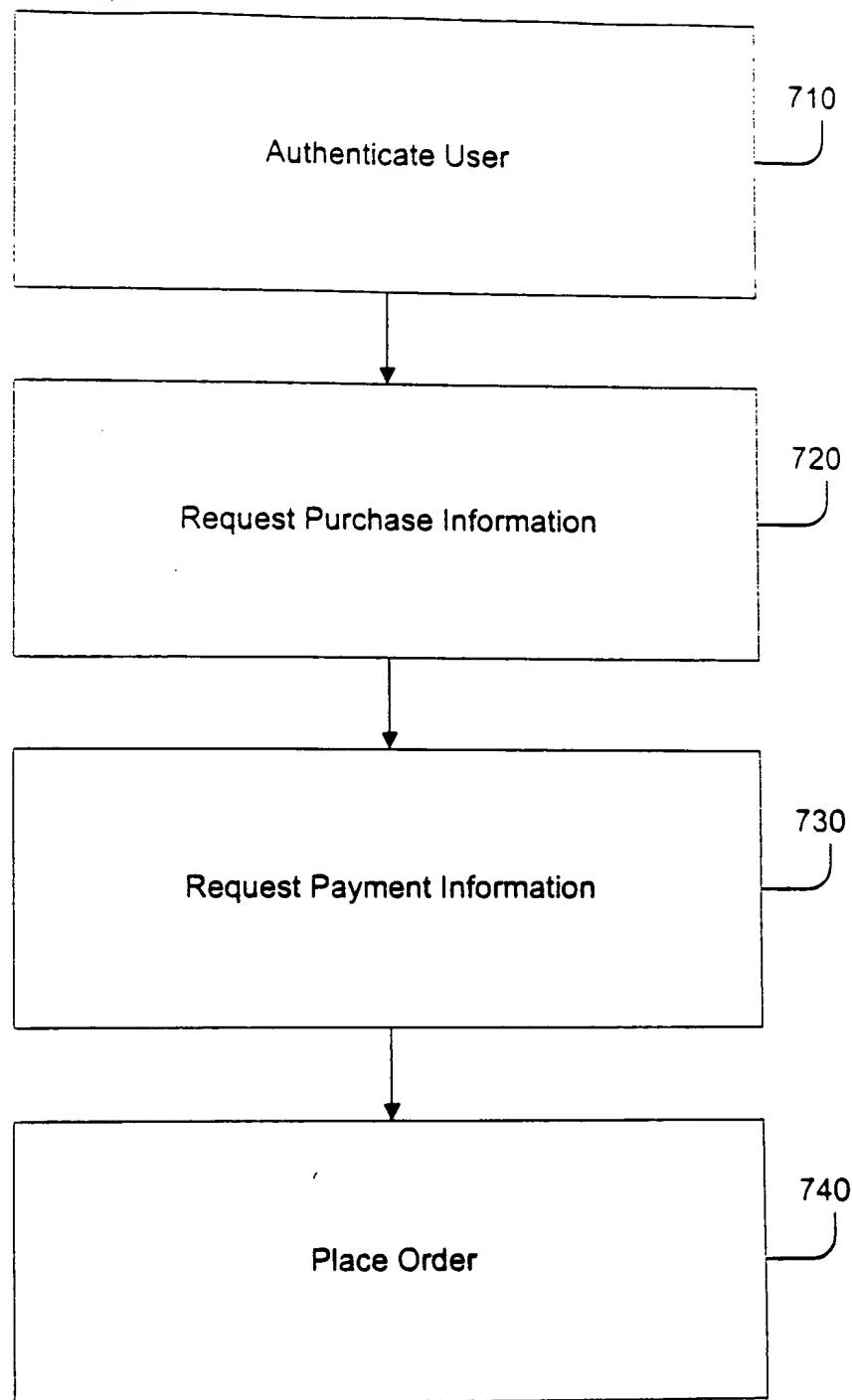
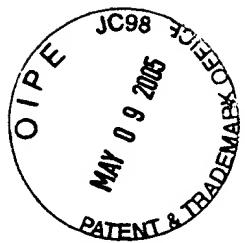


Fig. 7

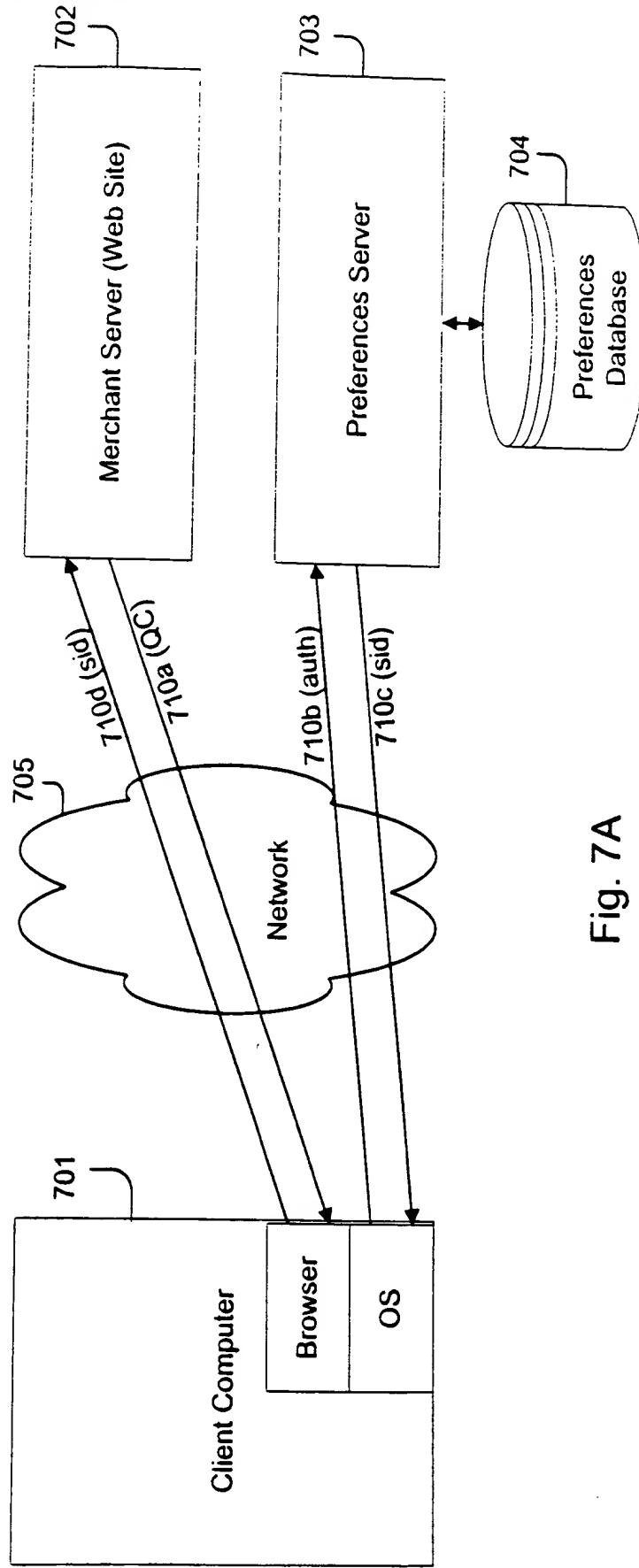
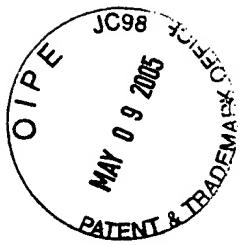


Fig. 7A

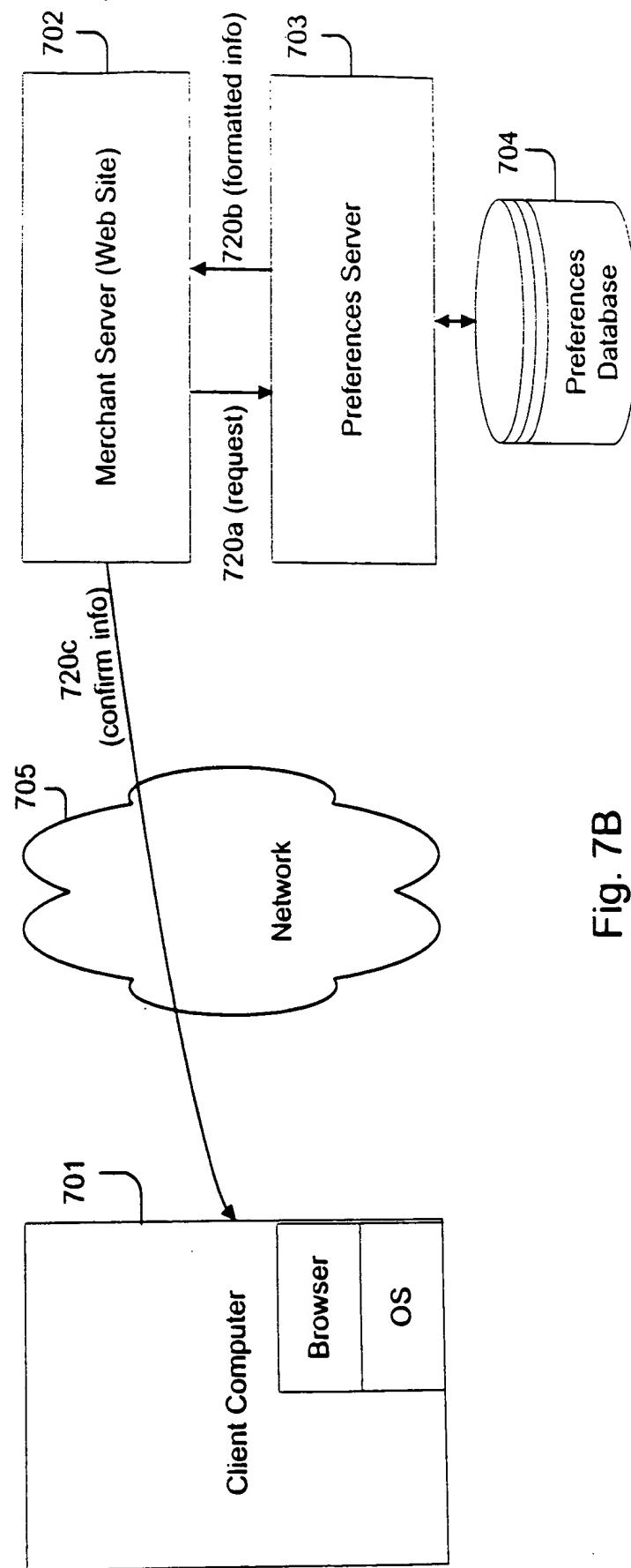
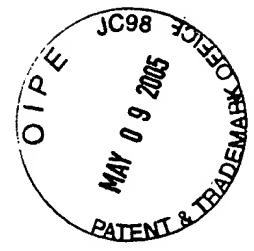


Fig. 7B

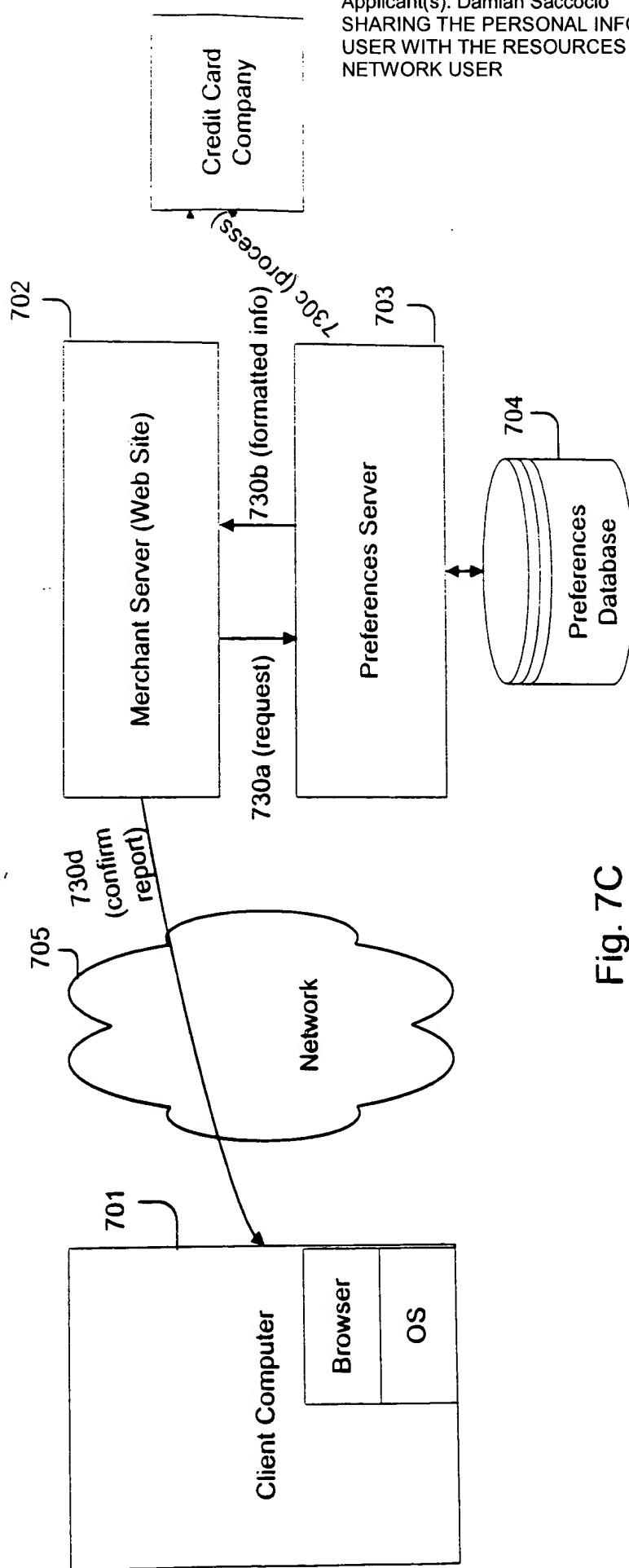
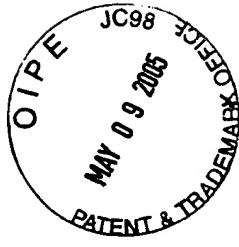
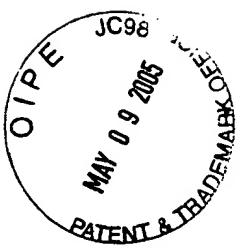


Fig. 7C



### User Flow Chart

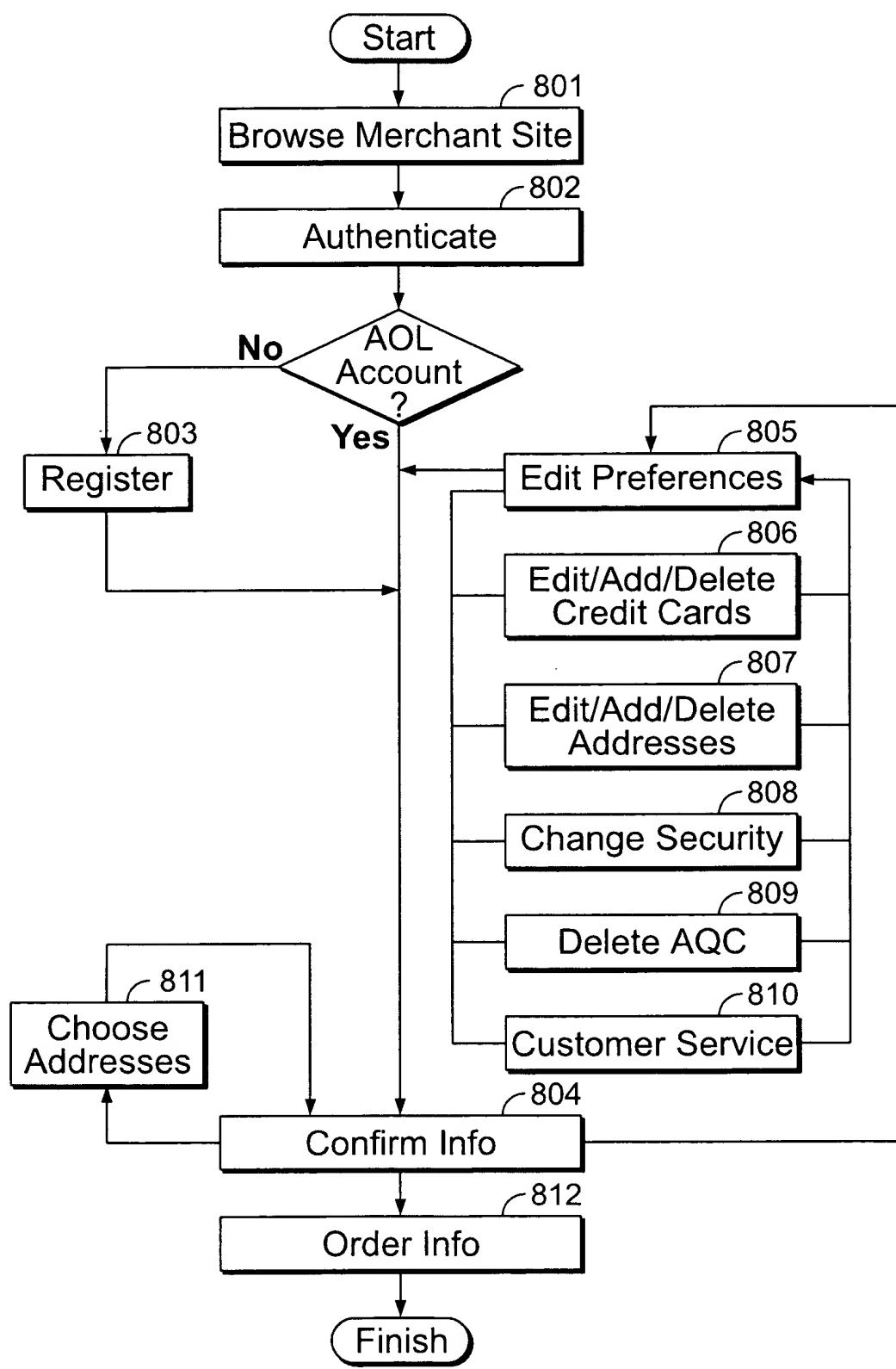
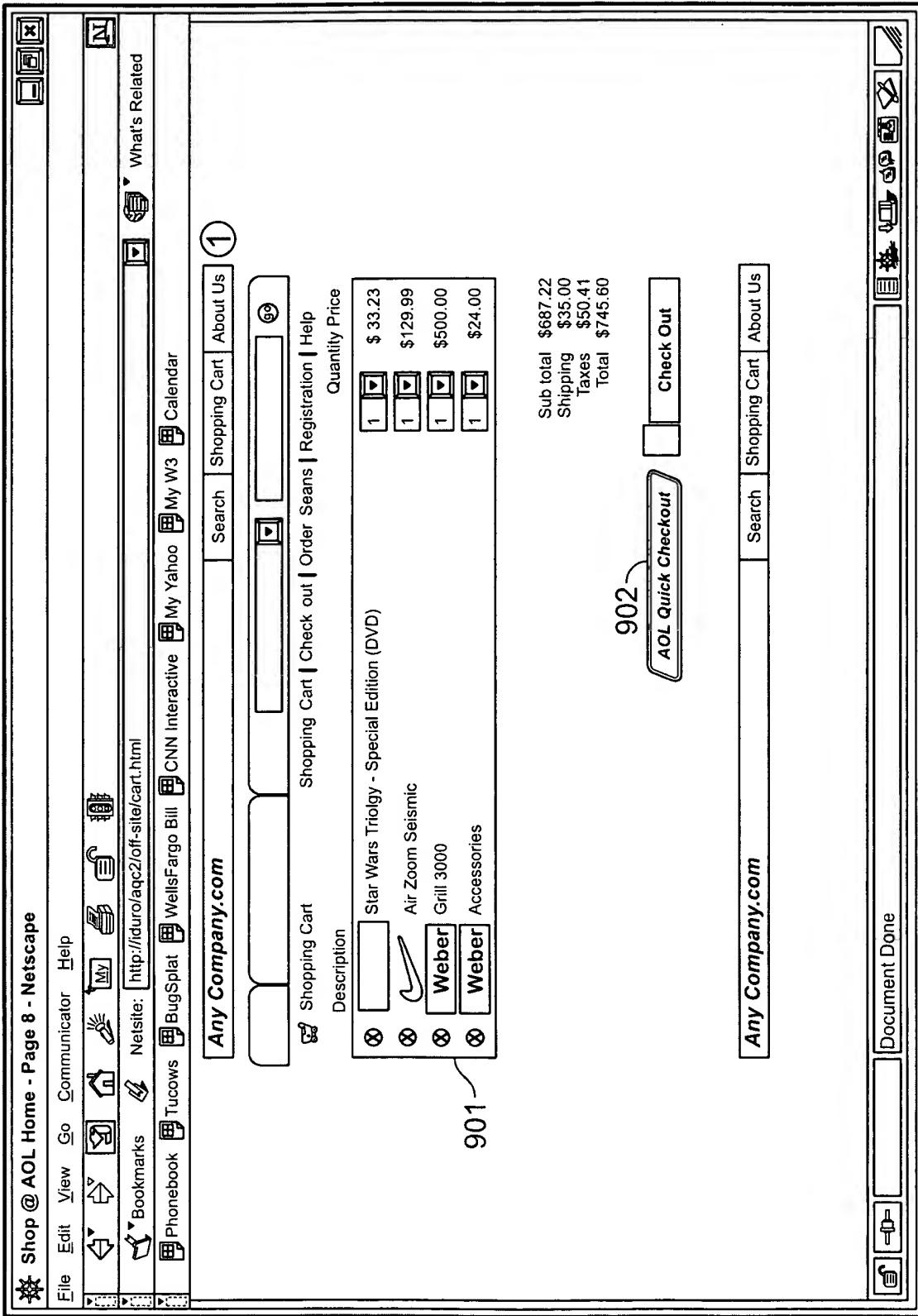
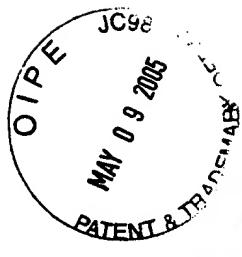
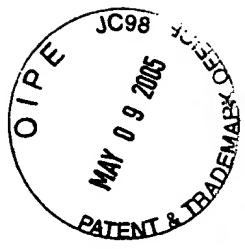


FIG. 8

**FIG. 9**



Applicant(s): Damian Saccoccio

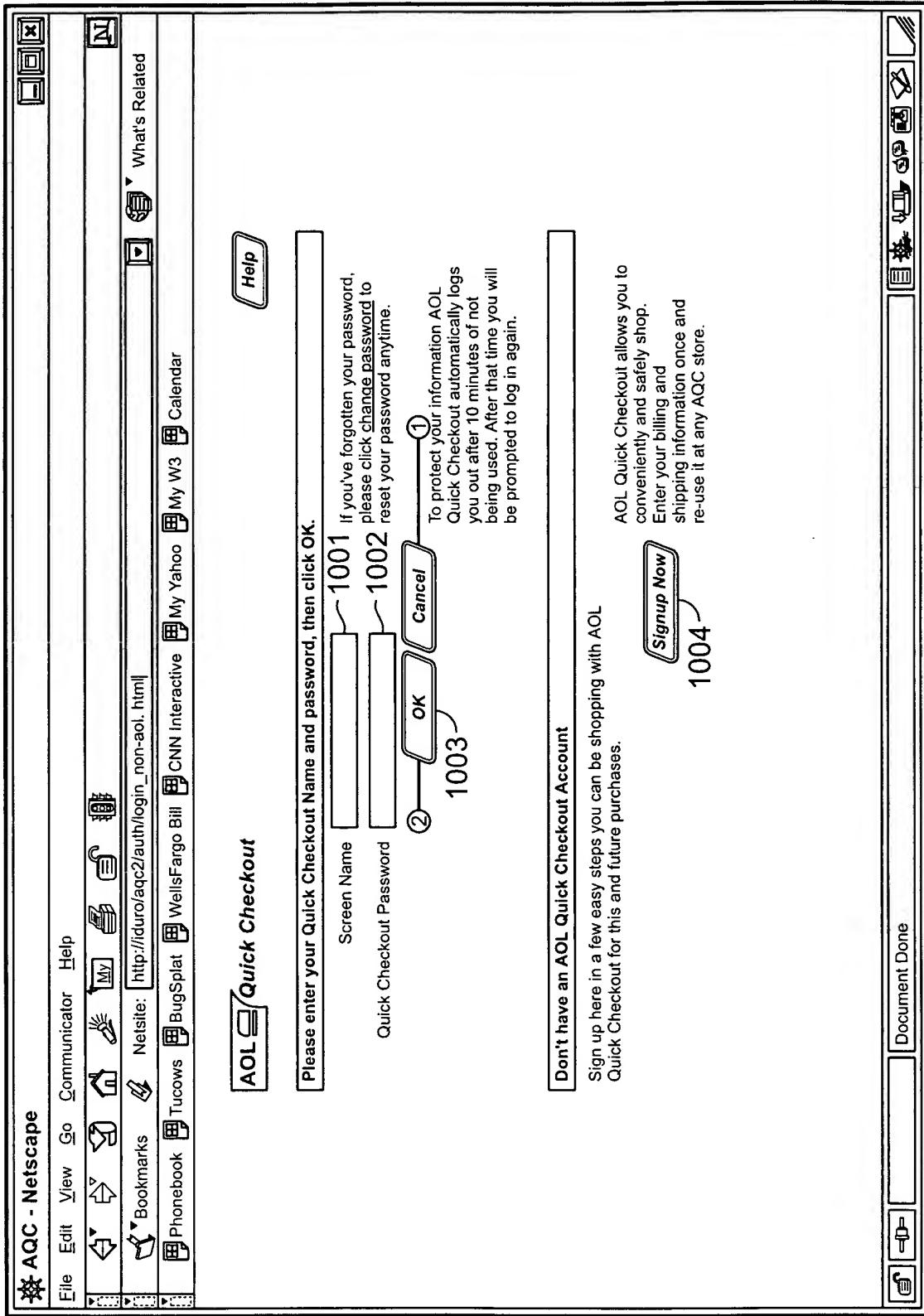
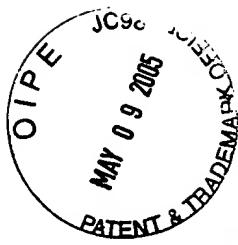
SHARING THE PERSONAL INFORMATION OF A NETWORK  
USER WITH THE RESOURCES ACCESSED BY THAT  
NETWORK USER

FIG. 10



**AQC - Netscape**

File Edit View Go Communicator Help

Bookmarks Netsite: <http://iduro/aqc2/reg.allinfo.html> What's Related

Phonebook Tucows BugSplat WellsFargo Bill CNN Interactive My Yahoo My W3 Calendar

**AOL Quick Checkout Signup** [Help](#)

Please follow these quick 4 steps to register for AOL Quick Checkout, then click OK.

**① Enter your credit card information.**

Credit Card Type: Visa

Credit Card Number:   
(e.g. 1234 0073 1234 0000 or Visas)

Expiration Date: 01 / 1999

First Name and Middle Initial:

Last Name:

Address Line:

Address Line 2 (optional):

Address Line 3 (optional):

City:

State/Province: CA - California

Zip/Postal:

Country: United States

Daytime Phone (optional):

Evening Phone (optional):

**② Enter your shipping information.**

**Remember**  
At anytime you will be able to add and choose different credit cards.

1101

**FIG. 11A**

O I P E  
JC98  
MAY 09 2005  
PATENT & TRADEMARK OFFICE

**AQC - Netscape**

File Edit View Go Communicator Help

Bookmarks Netsite: <http://iduro/aqc2/reg.allinfo.html> What's Related

Phonebook Tucows BugSplat WellsFargo Bill CNN Interactive My Yahoo My W3 Calendar

② Enter your shipping information.

If you would like to use your billing address for shipping, check this box and skip to the next step.

First Name and Middle Initial   
 Last Name   
 Address Line   
 Address Line 2 (optional)   
 Address Line 3 (optional)   
 City   
 State/Province CA - California   
 Zip/Postal   
 Country United States   
 Daytime Phone (optional)   
 Evening Phone (optional)

**Remember**  
 You can add and choose different addresses at checkout time.

1102

③ Enter your shopping password.

When creating your AOL Quick Checkout password:

- Make it at least 9 characters long.
- Include letters and/or numbers, but not punctuation marks.
- Do not use your regular AOL password.
- Do not use words that appear in the dictionary.

New Password   
 Confirm New Password

Whenever you make a purchase using AOL Quick Checkout, you'll enter your AOL Quick Checkout password. This added security helps ensure that no one else can make purchases using your information.

1103

**Tip**  
 Create a password that's easy for you to remember, but hard for others to guess. For example, use a combination of your mother's name, or maybe the place where you work, and your date of birth.

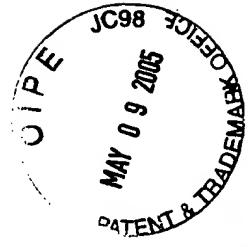
④ Finished

OK Cancel

1104

Document Done

FIG. 11B



Appn No.: 09/693,860

Page 19 of 27

Applicant(s): Damian Saccocio

SHARING THE PERSONAL INFORMATION OF A NETWORK  
USER WITH THE RESOURCES ACCESSED BY THAT  
NETWORK USER

(3)

**Shop @ AOL Home - Page 9 - Netscape**

File	Edit	View	Go	Communicator	Help
Netsite: <a href="http://iduro/aqc2/0ff-site/page09.html">http://iduro/aqc2/0ff-site/page09.html</a>					

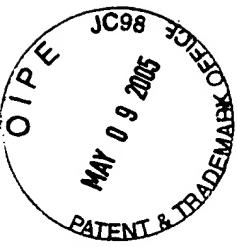
**AnyCompany.com**

1201 {	Star Wars Trilogy Air Zoom Seismic Grill 3000 Accessories	5 1 1 1204
1202 {	Bill Order Tel  xxxx-xxx-1234 04/00	1203 Jonathan N Doe 501 E. Middlefield Rd. Mountain View CA 94043
	Ship Order In: 1) Home Jonathan N Doe 501 E. Middlefield Rd. Mountain View CA 94043 Add or Edit credit cards and shipping addresses	1205 Verman Jordan 132 E. Middlefield Rd. Mountain View CA 94043 Edit Information
		1206 Complete AOL Quick Checkout

**AnyCompany.com**

--	--	--

FIG. 12



Appn No.: 09/693,860

Page 20 of 27

Applicant(s): Damian Saccocio

SHARING THE PERSONAL INFORMATION OF A NETWORK

USER WITH THE RESOURCES ACCESSED BY THAT

NETWORK USER

**AOL Quick Checkout Preferences : Netscape**

File Edit View Go Communicator Help

Bookmarks Netsite: http://iduro/aqc2/\*\*\*\*\* \*\*\*\*\* \*\*\*\*\*

Phonebook Tucows BugSplat WellsFargo Bill CNN Interactive My Yahoo My W3 Calendar

**AOL.COM** AOL Web Centers My News Shopping Community Download AOL\*\*

**AOL** Quick Checkout preferences Help

Buying on impulse is easy safe and secure 30% OFF TOYS

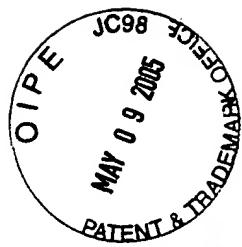
or read about safety and security

Credit Cards	Add a Card
1301 { Visa xxxx-xxx-xxx-1234 04/00	Jonathan N Doe 501 E. Middlefield Rd. Mountain View CA 94043 703-286-0003 703-721-0003
Edit	
Shipping Addresses Add an Address	
1302 { Jonathan N Doe 501 E. Middlefield Rd. Mountain View CA 94043 703-286-0003 703-721-0003	Edit
Tools	
1303 ~ <a href="#">Change Security Information</a>	
1304 ~ <a href="#">Delete AOL Checkout Settings</a>	
1305 ~ <a href="#">Customer Service</a>	

**AOL.COM** AOL Web Centers My News Shopping Community Download AOL\*\*

Document Done

**FIG. 13**



**AQC - Netscape**

File Edit View Go Communicator Help

Bookmarks Netsite: <http://iduro/aqc2/reg.allinfo.html> What's Related

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**AOL Quick Checkout**

Figure 5a — Shipping Addresses Credit Cards 1402

Select the credit card to bill this purchase, then click "use this credit card" To modify an existing credit card select the credit card then click "edit this credit card".

1401 Visa 1234 1403 Use This Card Edit This Card

To add a new credit card to bill this purchase to complete the information below then click "Add this credit card"

Card Type Visa

Card Number

Expiration Date 10 / 1999

First Name and Middle Name

Last Name

Address Line 1

Address Line 2 (optional)

Address Line 3 (optional)

City

State/Province CA - California

Zip/Postal

Country United States

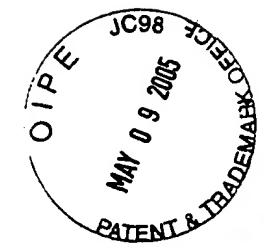
Daytime Phone (optional)

Evening Phone (optional)

1404 1405 Add This Card Cancel

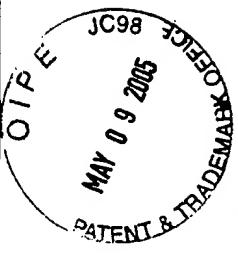
Document Done

**FIG. 14**



The screenshot shows the AOL - Netscape browser interface. The menu bar includes File, Edit, View, Go, Communicator, and Help. The toolbar features icons for Back, Forward, Stop, Home, My AOL, Print, and Search. The address bar shows the URL <http://iduro/aqc/off/site/page09.html>. The main content area displays a form titled "AOL Quick Checkout" with the number 1502. It includes fields for "Shipping Addresses" and "Credit Cards". A note says "Select the shipping address where you credit this purchase sent, then click "Use this Address". To modify an existing address, select the address then click "Edit This Address". The address "1501" is entered in the "Address Line 1" field, and "501 E. Middlefield Rd." is in the "Address Line 2 (optional)" field. The "Edit This Address" button is highlighted with a red box and a red arrow points to it from the text above. Below the form, a note says "Enter the following information for this shipping address then click "Add This Address"". The address "1504" is entered in the "Address Line 1" field, and "1503" is in the "Address Line 2 (optional)" field. The "Edit This Address" button is highlighted with a red box and a red arrow points to it from the text above. The "Add This Address" button is also highlighted with a red box and a red arrow points to it from the text above. The status bar at the bottom right shows "Document Done".

FIG. 15



AQC - Netscape

File Edit View Go Communicator Help

Back Forward Stop Home My Bookmarks Bookmarks Netsite: [http://iduro/aqc2/prefs/change\\_pw.html](http://iduro/aqc2/prefs/change_pw.html) What's Related

Phonebook Tucows BugSplat WellsFargo Bill CNN Interactive My Yahoo My W3 Calendar AOL Quick Checkout Help

Please update your password and/or e-mail address, then click OK.

**Tip:**  
Create a password that's easy for you to remember, but hard for others to guess. For example, use a combination of your mother's name, or maybe the place where you work, and your date of birth.

**Password and Confirmation**  
When Creating your AOL Quick Checkout password:  

- Make it at least 6 characters long.
- Include letters and/or numbers, but not punctuation marks.
- Do not use your regular AOL password.
- Do not use words that appear in the dictionary.

1601 → New Password   
1602 → Confirm New Password

E-Mail Address 1603 → E-mail Address  spud@couch.com

Remember:  
Your e-mail address must be in the name@whalever.whatever

OK Cancel

1604 → Document Done

FIG. 16



Appln No.: 09/693,860

Page 24 of 27

Applicant(s): Damian Saccocio

SHARING THE PERSONAL INFORMATION OF A NETWORK  
USER WITH THE RESOURCES ACCESSED BY THAT  
NETWORK USER

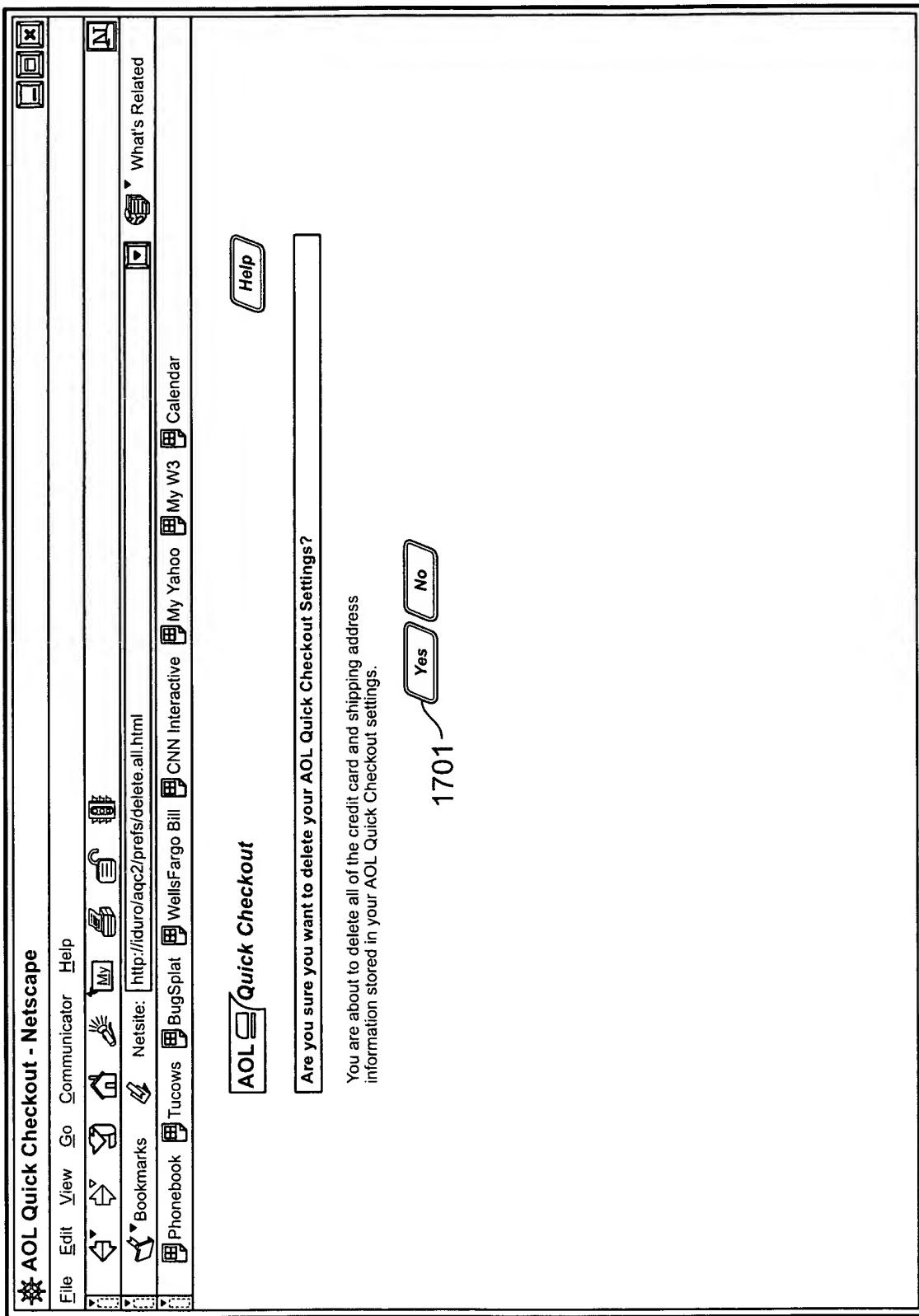
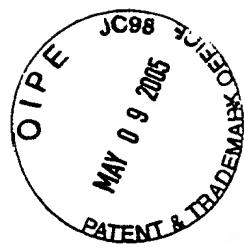


FIG. 17



**AOL Quick Checkout**

Have a Question About Your Order?

1-800-FLOWERS. Call the toll-free number to ask about your AOL Quick Checkout account.

**AQC - Netscape**

This article covers four topics:

- Security of AOL Quick Checkout.
- The AOL merchant relationship.
- Contacting your AOL Quick Checkout customer.
- Changing your password.

**A. Security of AOL Quick Checkout:**

The Security of your AOL Quick Checkout settings is very important. Please make sure it is enabled and that it is not shared with others.

**B. The AOL Merchant Relationship:**

This article covers four topics:

- Security of AOL Quick Checkout.
- The AOL merchant relationship.
- Contacting your AOL Quick Checkout customer.
- Changing your password.

**C. Contacting Your AOL Quick Checkout Customer:**

This article covers four topics:

- Security of AOL Quick Checkout.
- The AOL merchant relationship.
- Contacting your AOL Quick Checkout customer.
- Changing your password.

**D. Changing Your Password:**

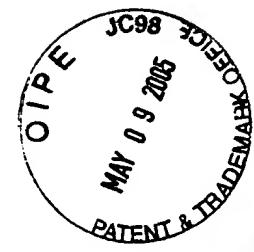
This article covers four topics:

- Security of AOL Quick Checkout.
- The AOL merchant relationship.
- Contacting your AOL Quick Checkout customer.
- Changing your password.

1901

1902

**FIG. 18**



**Shop @ AOL Home - Page 9 - Netscape**

File Edit View Go Communicator Help

Bookmarks Bookmarks Netsite: <http://iduro/ac2/off-site/page09.html>

Phonebook Phonebook Tucows BugSplat WellsFargo Bill CNN Interactive My Yahoo My W3 Calendar

**Any Company.com**

Search Shopping Cart About Us

Shopping Cart Check out Order Sears Requestion Help

Description	Description	Shop to	Quantity	Price
Star Wars Trilogy		1902	<input checked="" type="checkbox"/>	\$33.23
Air Zoom Seismic			<input checked="" type="checkbox"/>	\$129.99
Grill 3000			<input checked="" type="checkbox"/>	\$50.00
Accessories			<input checked="" type="checkbox"/>	\$24.00

Use These Addresses

Available Address:

1) Home Jonathan N Doe 501 E Middlefield Rd. Mountain View CA 94043

2) Office Jonathan N Doe 501 E Middlefield Rd. Mountain Vie CA 94043

3) Mom's Jana M Doe 123 Family Rd. Hollywood CA 90000

4) Aunt's Auntie M Doe 456 Some Dusty Rd. Fairland KY\_40422

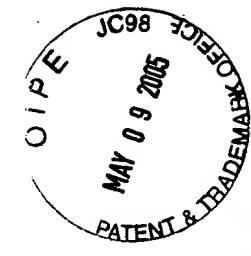
5) Varman's Verman Jordan 132 E Middlefield Rd. Mountain View CA 94043

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**FIG. 19**



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00/00/00 00:00 PM PST ~ 2002 Order ID 00000 ~ 2003

Thank you for your order. This is the only record of your order you will receive. Please save or print this page for your records. To view this order again go to order status.

Description	Quantity	Price
Star Wars Trilogy - Special Edition (DVD)	3	\$33.23
Air Zoom Seismic	1	\$129.99
Grill 3000	1	\$50.00
Accessories	1	\$24.00
<b>Now Order To:</b>		
Visa 1234-1234-1234-1234 04/00	1	\$35.00
Ship Order To: 2) Name Jonathan N Doe 501 E. Middlefield Rd. Mountain View CA 94043	1	\$50.41
	1	Total \$745.63
	1	

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501 E. Middlefield Rd.  
Mountain View CA 94043

2) Verman Jordon  
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**FIG. 20**